

wherein A is a bridging group containing a Group 13-15 element; each E is independently a Group 15 or 16 element covalently bonded to M; each R is independently a C₁-C₃₀ containing radical or diradical group which is a hydrocarbyl, substituted-hydrocarbyl, halocarbyl, substituted-halocarbyl, hydrocarbyl-substituted organometalloid, halocarbyl-substituted organometalloid, m and n are independently 1 or 2 depending on the valency of E; and p is the charge on the bidentate ligand such that the oxidation of state of MX_r is satisfied.

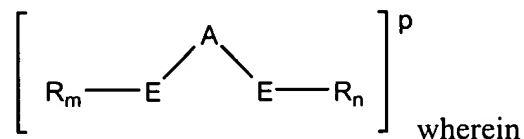
Claims (See Appendix B for marked up Claims)

Please delete Claims 2-5, 7-12, 14-16, 21, 28, 29, 31, and 32. Please insert new Claims 33-39. A clean, complete set of claims for this application follows.

1. (Amended three times) A late transition metal catalyst precursor for olefin polymerization comprising a Group-9, -10 or -11 metal connected to a bidentate ligand immobilized on a solid support where the late transition metal loading is less than 100 micromoles transition metal compound per gram of solid support, wherein the catalyst precursor has the formula:

LMX_r, wherein

- (a) M is a Group 9, 10 or 11 metal;
- (b) L is a bidentate ligand defined by the formula:



- (i) A is a bridging group containing a Group 13-15 element;